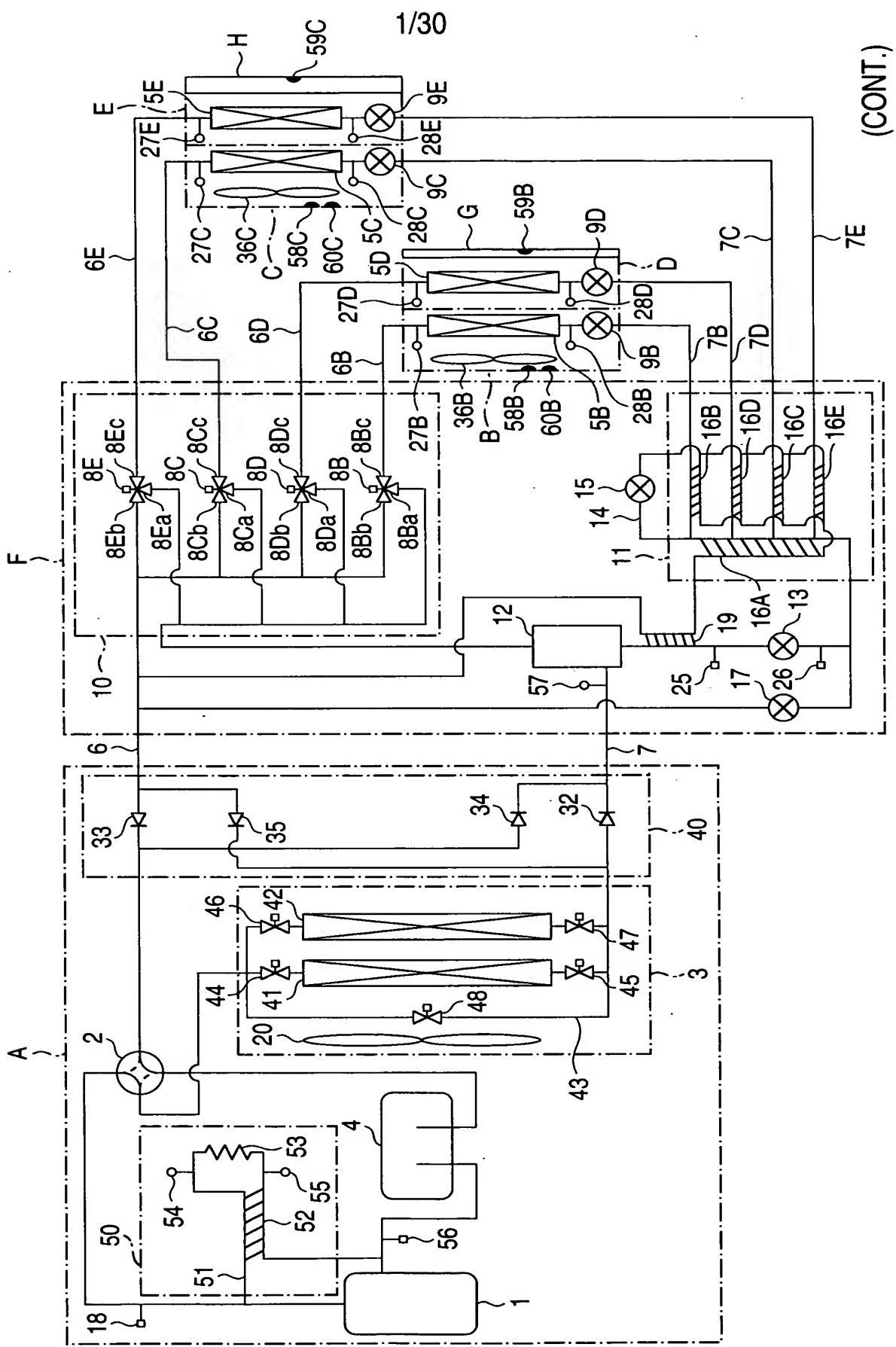


10/533535

FIG. 1



10/533535

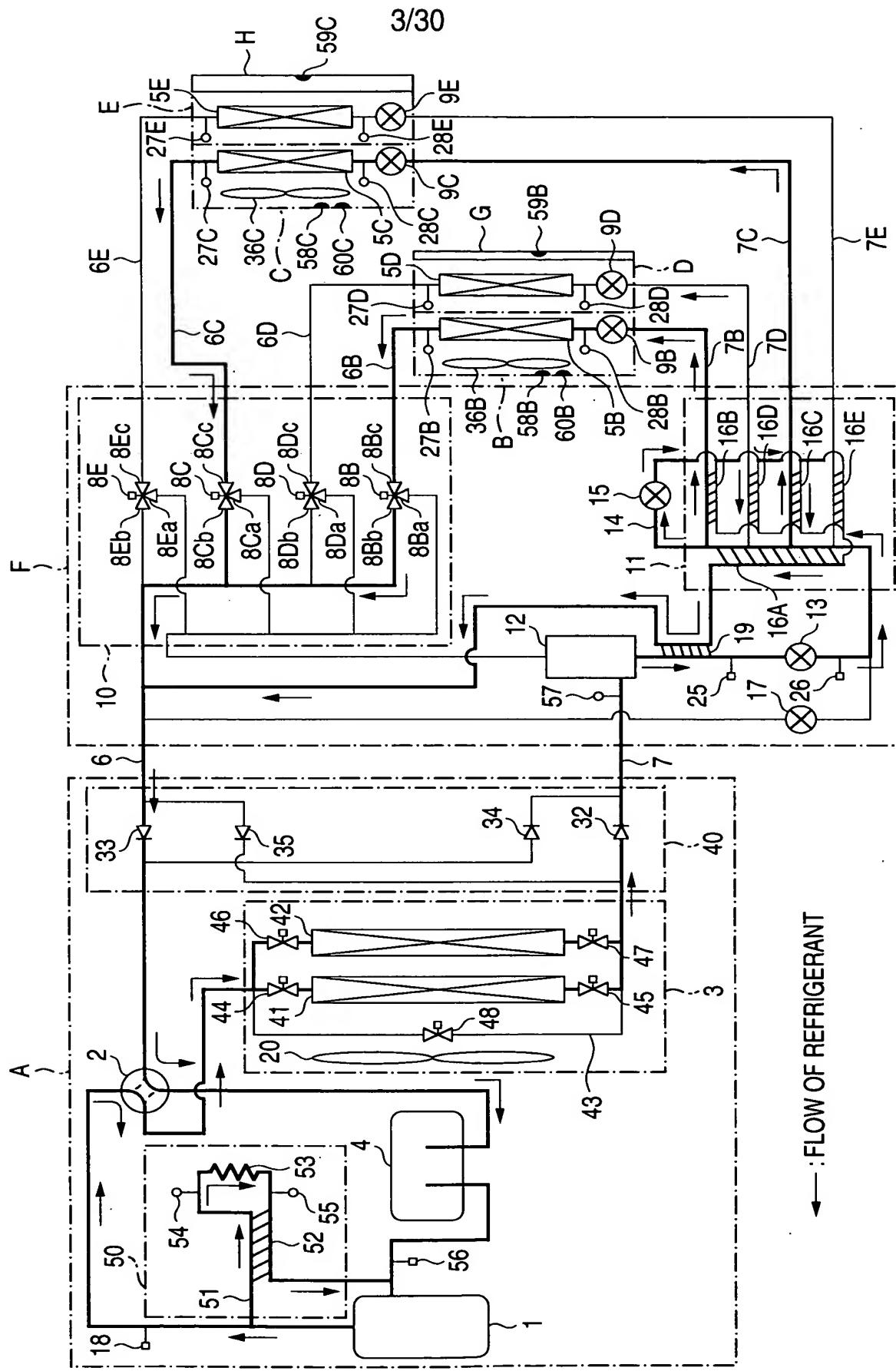
2/30

(FIG. 1 CONTINUED)

- A: HEAT SOURCE DEVICE
- B, C: STANDARD INDOOR UNIT
- D, E: REHEATER
- F: RELAY DEVICE
- 1: COMPRESSOR
- 2: FOUR-WAY REVERSING VALVE
- 3: HEAT SOURCE DEVICE HEAT EXCHANGER
- 4: ACCUMULATOR
- 5B, 5C: INDOOR HEAT EXCHANGER
- 5D, 5E: REHEATER HEAT EXCHANGER
- 6: FIRST CONNECTING PIPE
- 7: SECOND CONNECTING PIPE
- 6B-6E: FIRST CONNECTING PIPE ON THE INDOOR UNIT/REHEATER SIDE
- 7B-7E: SECOND CONNECTING PIPE ON THE INDOOR UNIT/REHEATER SIDE
- 8B-8E: THREE-WAY REVERSING VALVE
- 9B-9E: FIRST FLOW CONTROLLER
- 10: FIRST BRANCHING PORTION
- 11: SECOND BRANCHING PORTION
- 12: GAS-LIQUID SEPARATOR
- 13: SECOND FLOW CONTROLLER
- 14: FIRST BYPASS PIPE
- 15: THIRD FLOW CONTROLLER
- 16A: SECOND HEAT EXCHANGING PORTION
- 16B-16E: THIRD HEAT EXCHANGING PORTION
- 17: FOURTH FLOW CONTROLLER
- 18: FOURTH PRESSURE DETECTING MEANS
- 19: FIRST HEAT EXCHANGING PORTION
- 20: HEAT SOURCE DEVICE BLOWER
- 25: FIRST PRESSURE DETECTING MEANS
- 26: SECOND PRESSURE DETECTING MEANS
- 27B-27E: FOURTH TEMPERATURE DETECTING MEANS
- 28B-28E: FIFTH TEMPERATURE DETECTING MEANS
- 32: FIRST CHECK VALVE
- 33: SECOND CHECK VALVE
- 34: THIRD CHECK VALVE
- 35: FOURTH CHECK VALVE
- 36B, 36C: INDOOR UNIT FAN
- 40: HEAT SOURCE DEVICE SWITCHING VALVE
- 41, 42: FIRST, SECOND HEAT SOURCE DEVICE HEAT EXCHANGERS
- 43: HEAT SOURCE DEVICE HEAT EXCHANGER BYPASS PIPE
- 44-48: FIRST TO FIFTH ELECTROMAGNETIC CONTROL VALVES
- 50: FIRST CIRCULATING COMPOSITION DETECTING DEVICE
- 51: SECOND BYPASS PIPE
- G, H: HUMIDIFIER
- 52: FOURTH HEAT EXCHANGING PORTION
- 53: FIRST PRESSURE REDUCING DEVICE
- 54: FIRST TEMPERATURE DETECTING MEANS
- 55: SECOND TEMPERATURE DETECTING MEANS
- 56: FIFTH PRESSURE DETECTING MEANS
- 57: THIRD TEMPERATURE DETECTING MEANS
- 58: TEMPERATURE DETECTING MEANS
- 59: SIXTH TEMPERATURE DETECTING MEANS
- 60: SEVENTH TEMPERATURE DETECTING MEANS

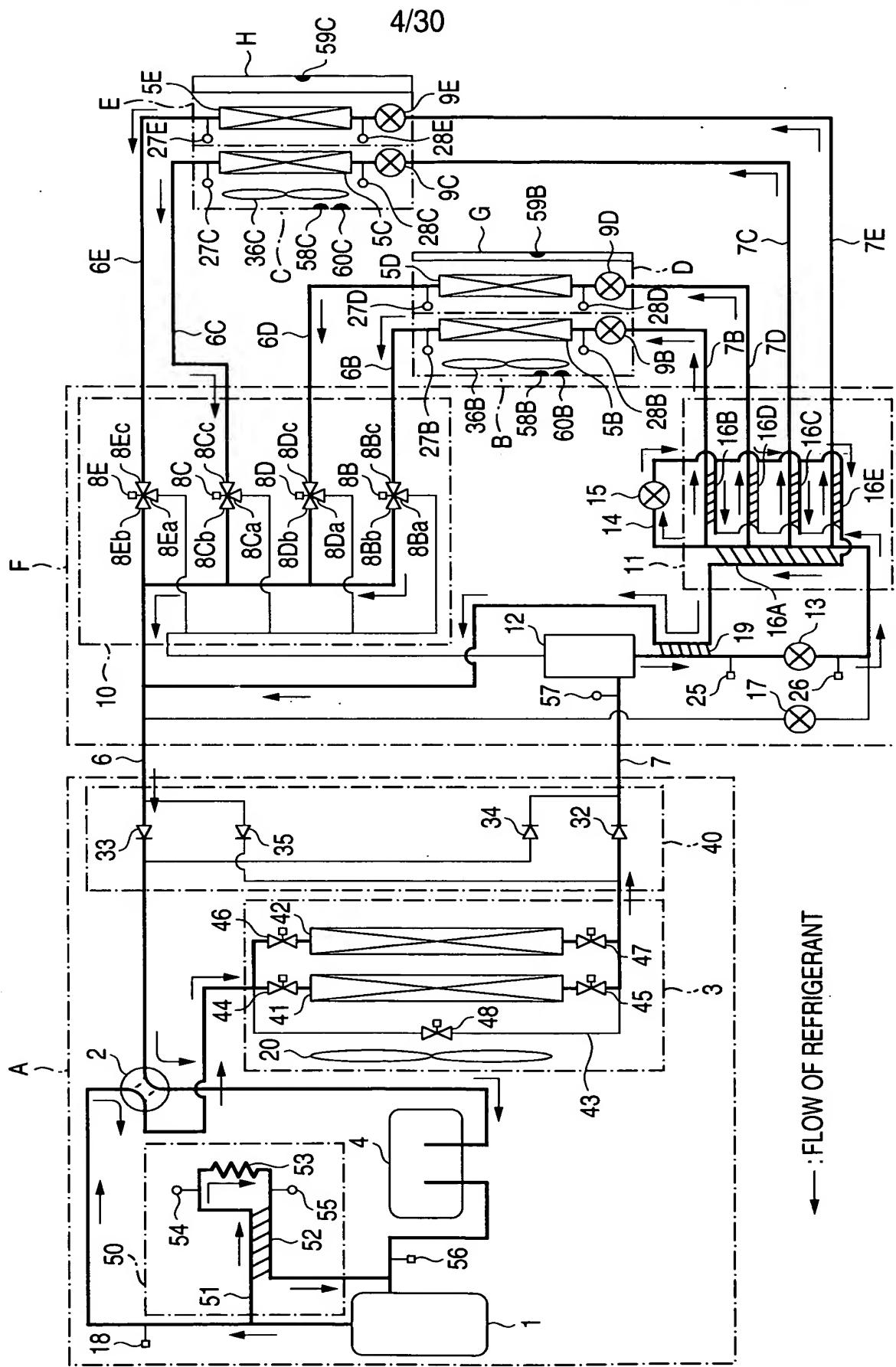
10/533535

FIG. 2



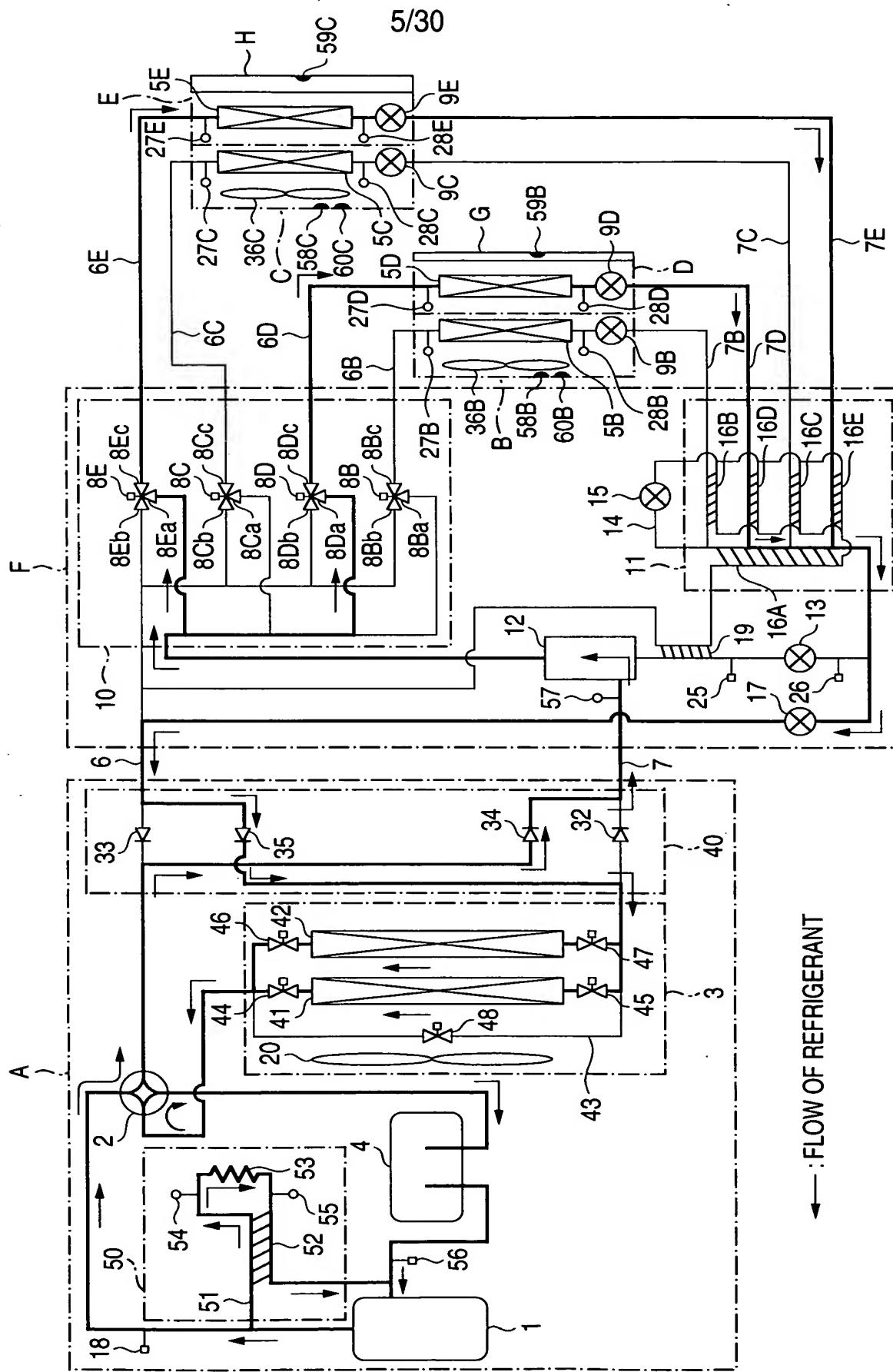
101533535

FIG. 3



10 / 533535

FIG. 4



10/533535

FIG. 5

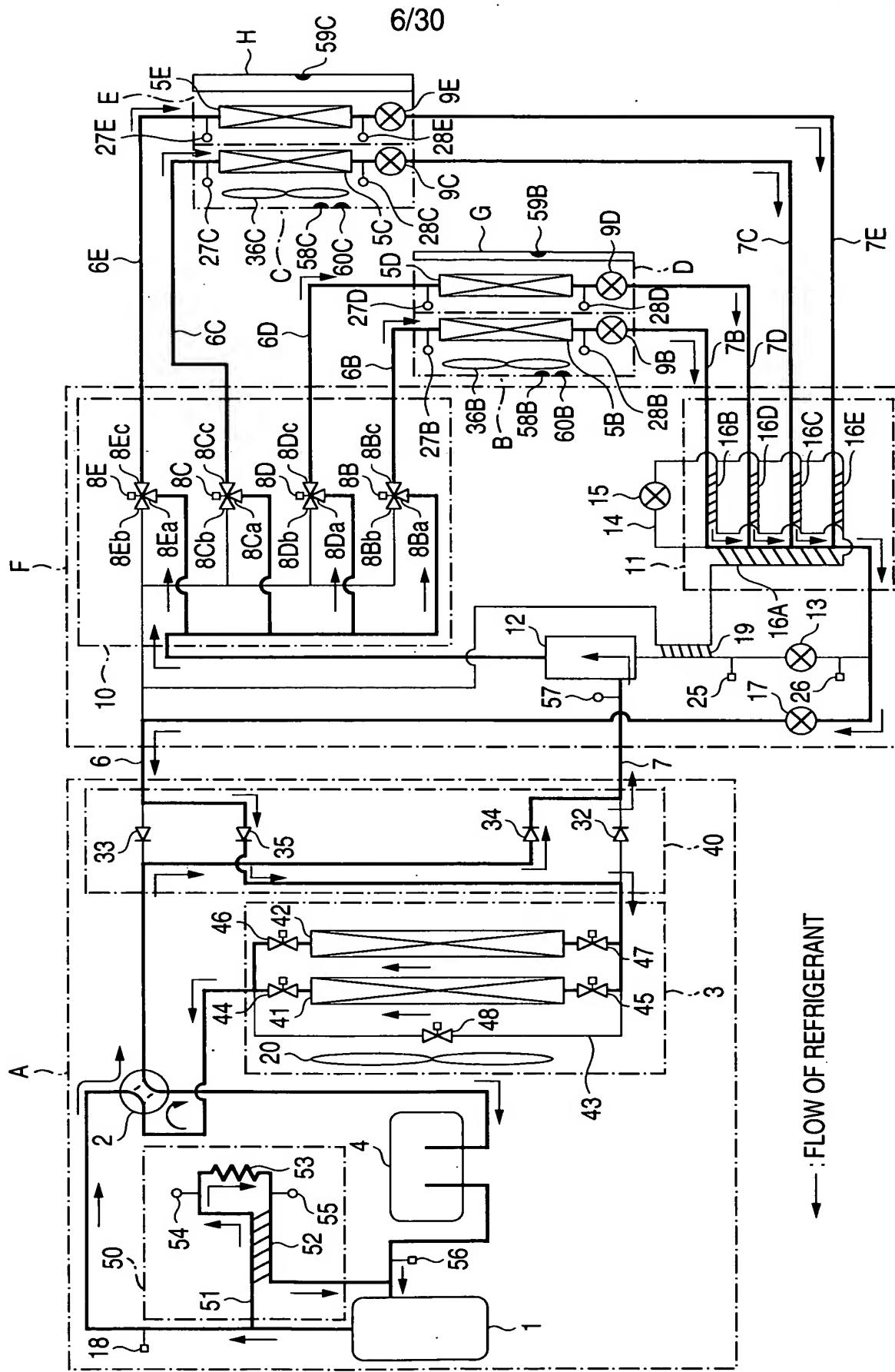


FIG. 6

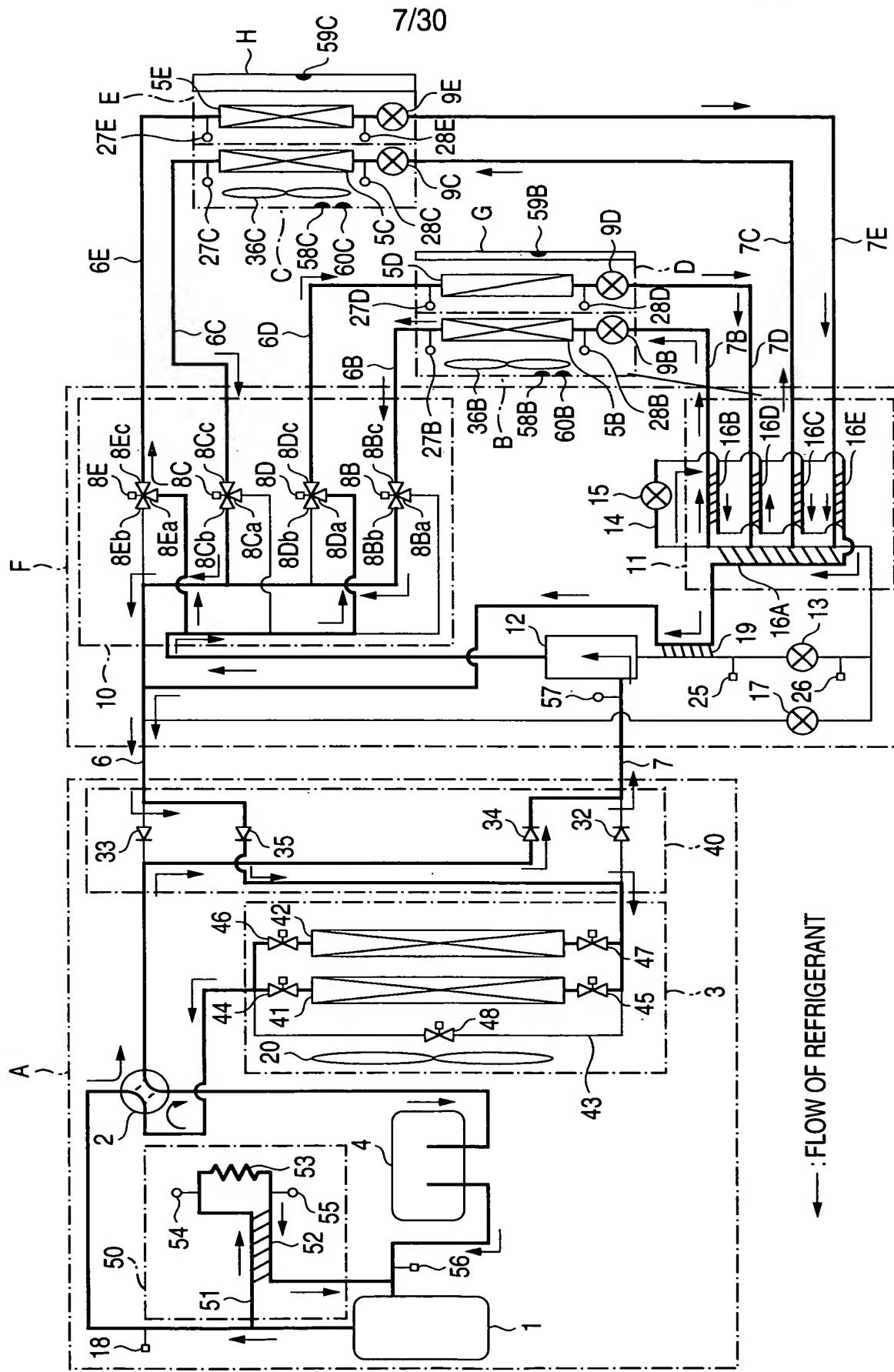
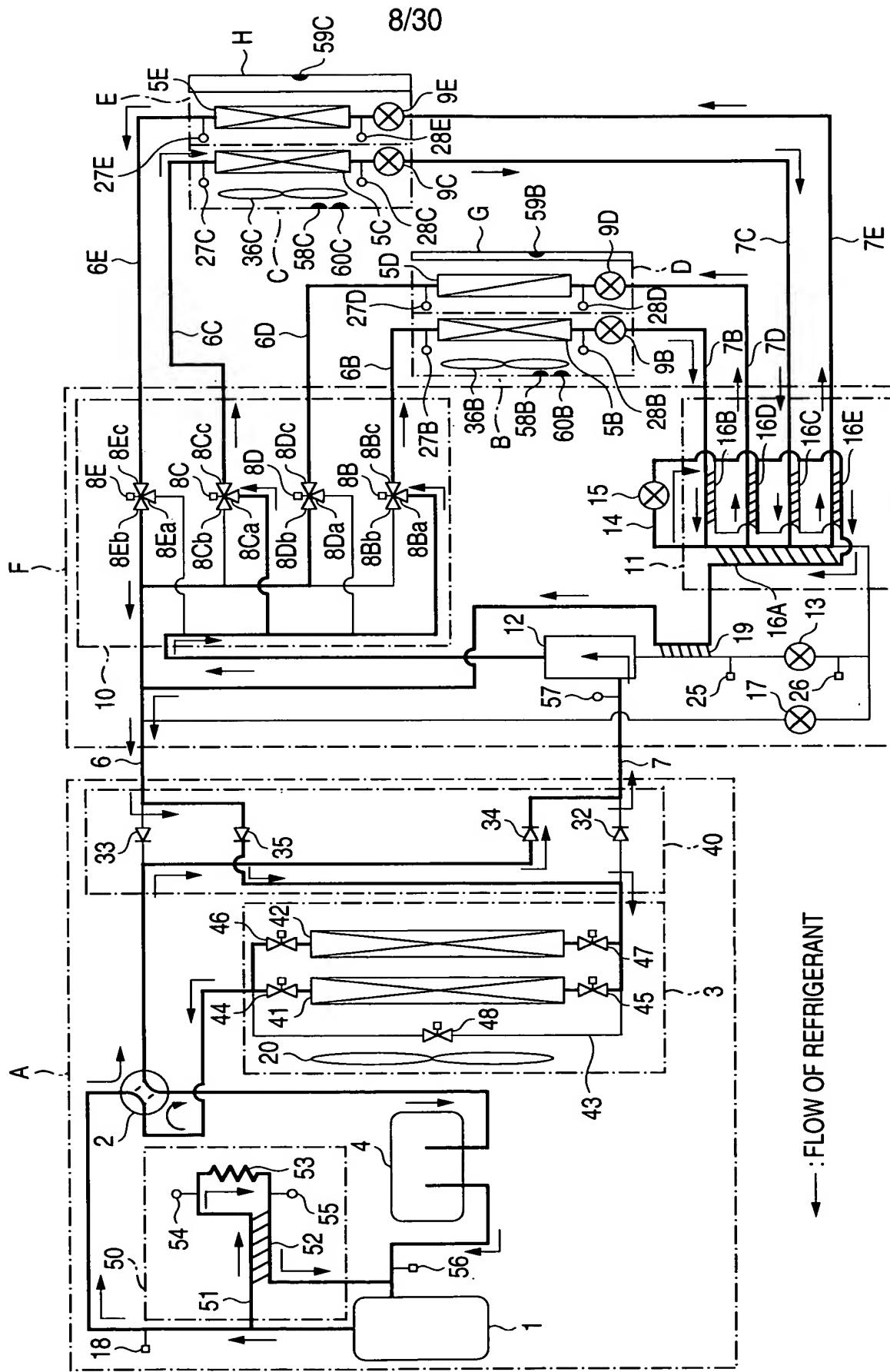
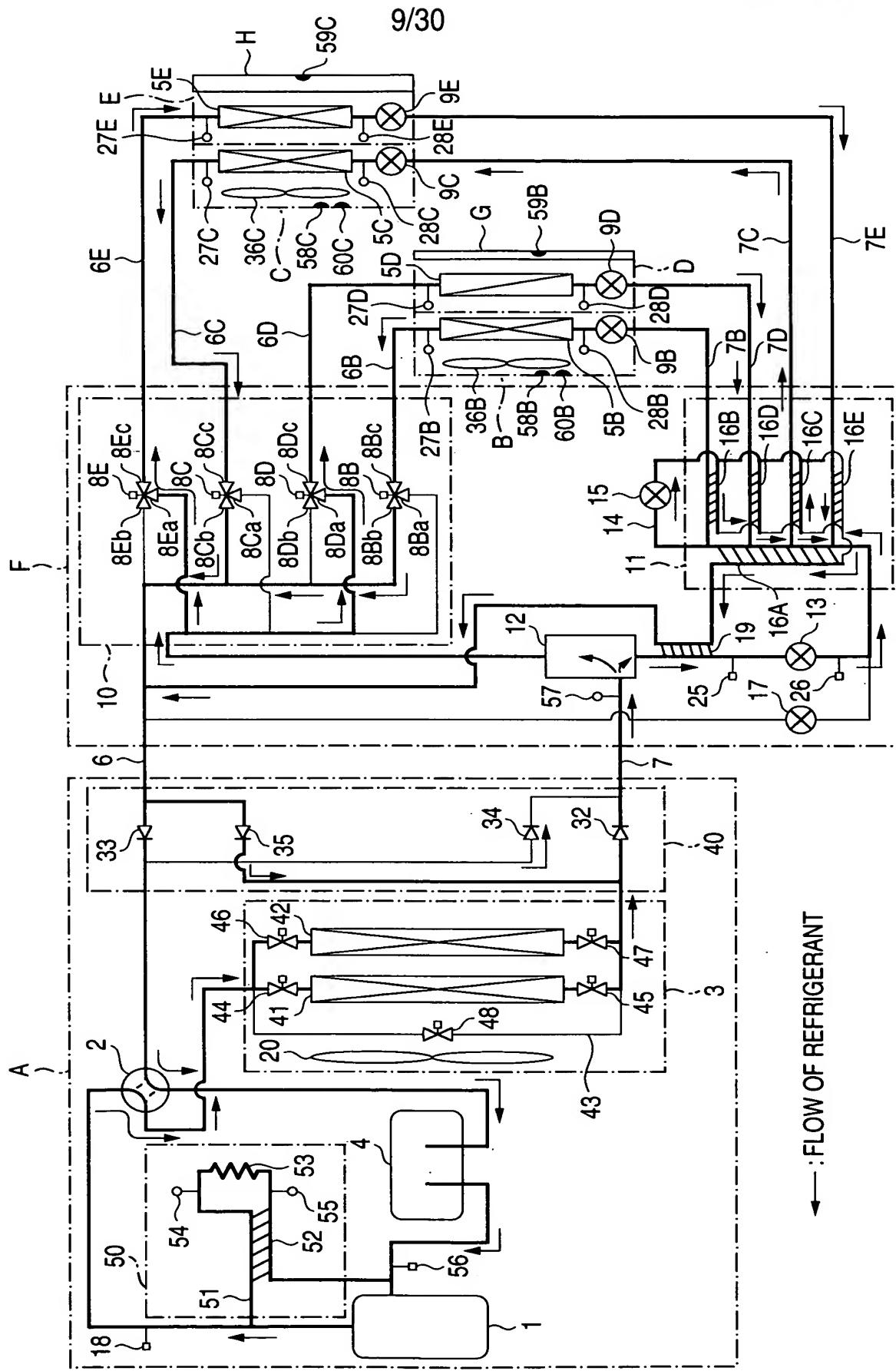


FIG. 7



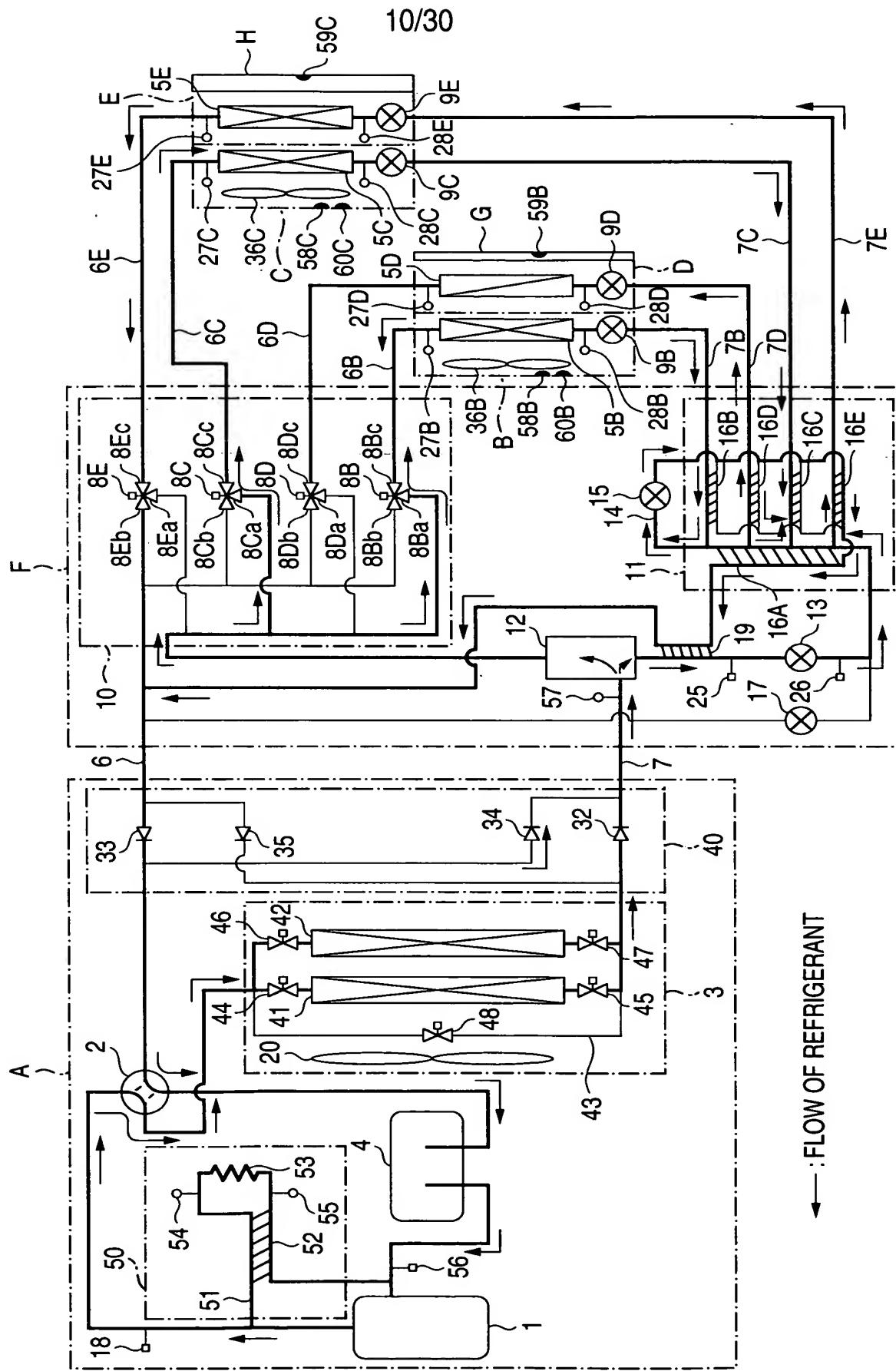
10/533535

FIG. 8



10/533535

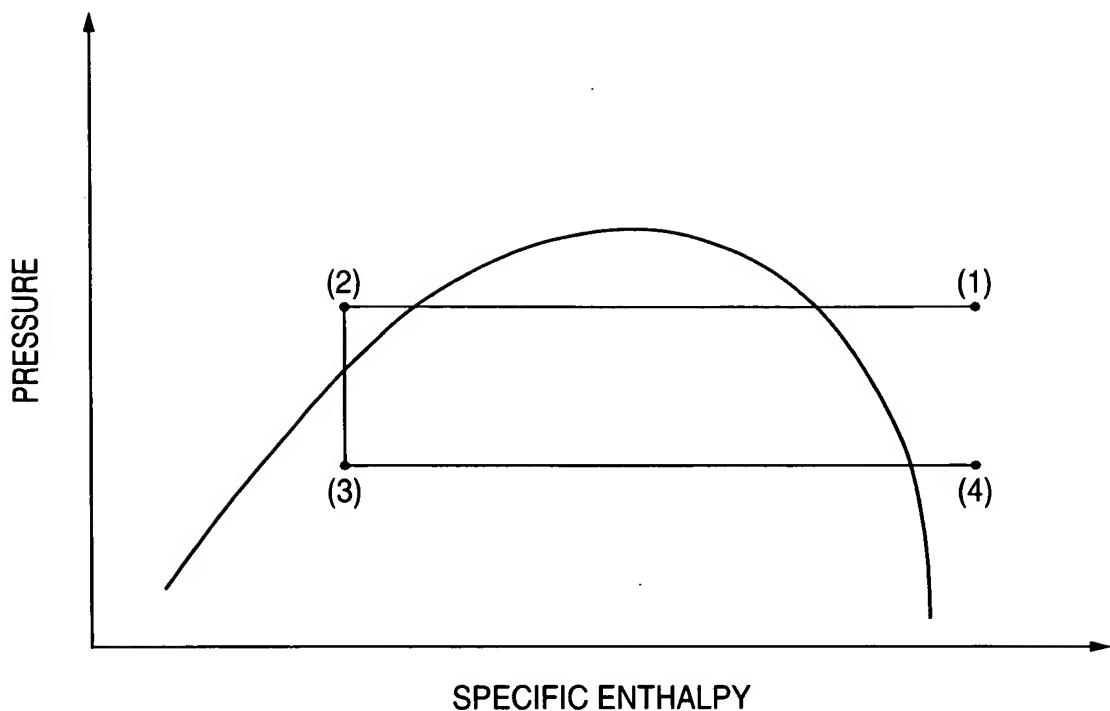
FIG. 9



10/533535

11/30

FIG. 10



12/30

10/53353E

FIG. 11

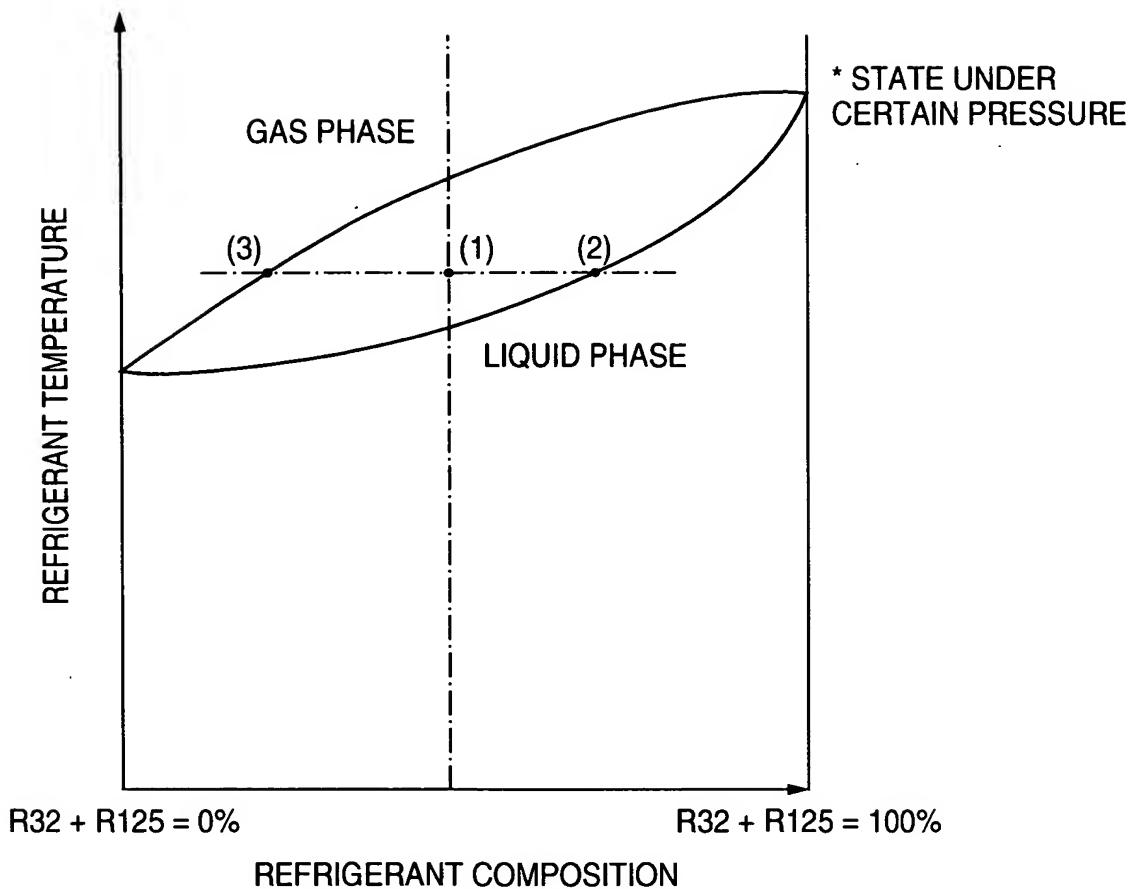
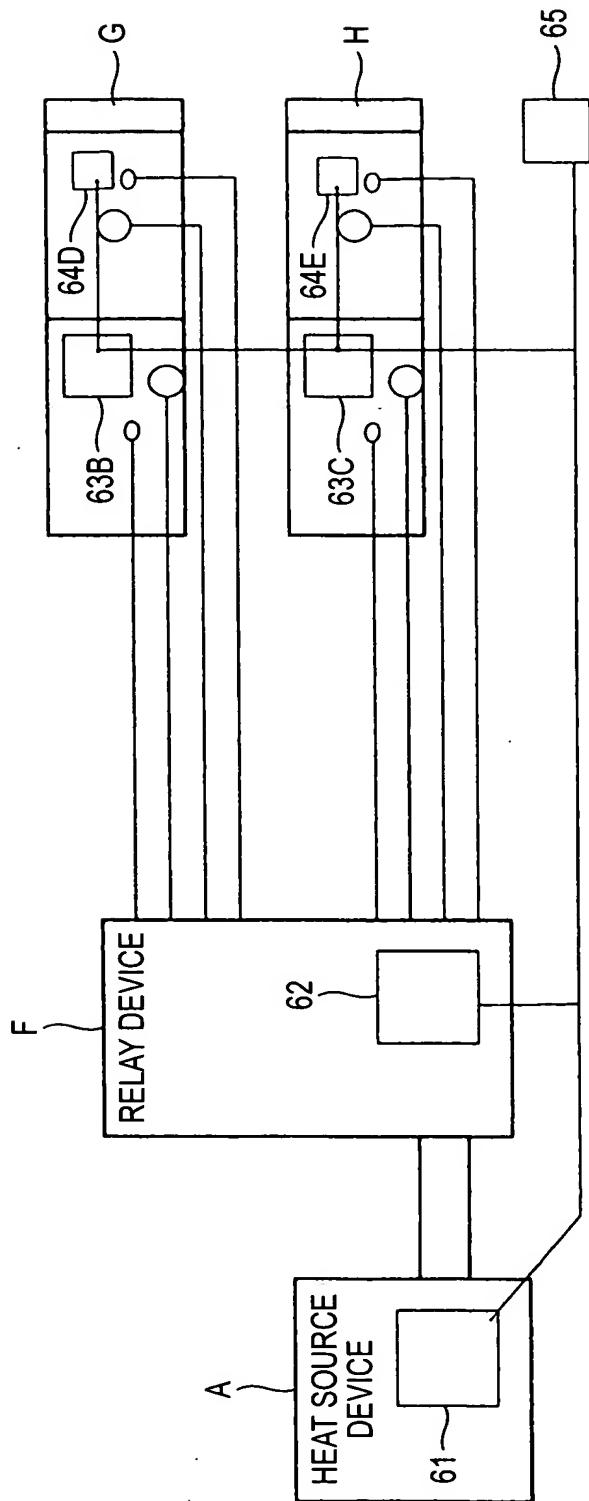
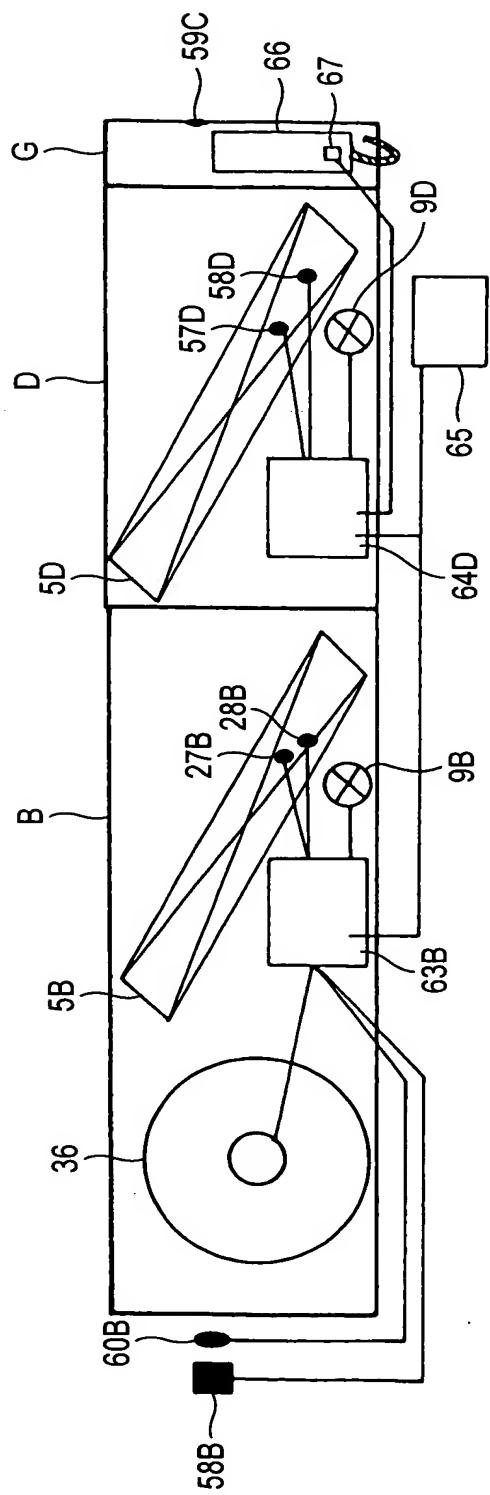


FIG. 12



61: HEAT SOURCE DEVICE CONTROL BOX  
62: RELAY CONTROL BOX  
63B, 63C: STANDARD INDOOR UNIT CONTROL BOX  
64D, 64E: REHEATER CONTROL BOX  
65: REMOTE CONTROLLER

FIG. 13



66: WATER TANK  
67: WATER SUPPLY ADJUSTING VALVE

10/533535

15/30

FIG. 14

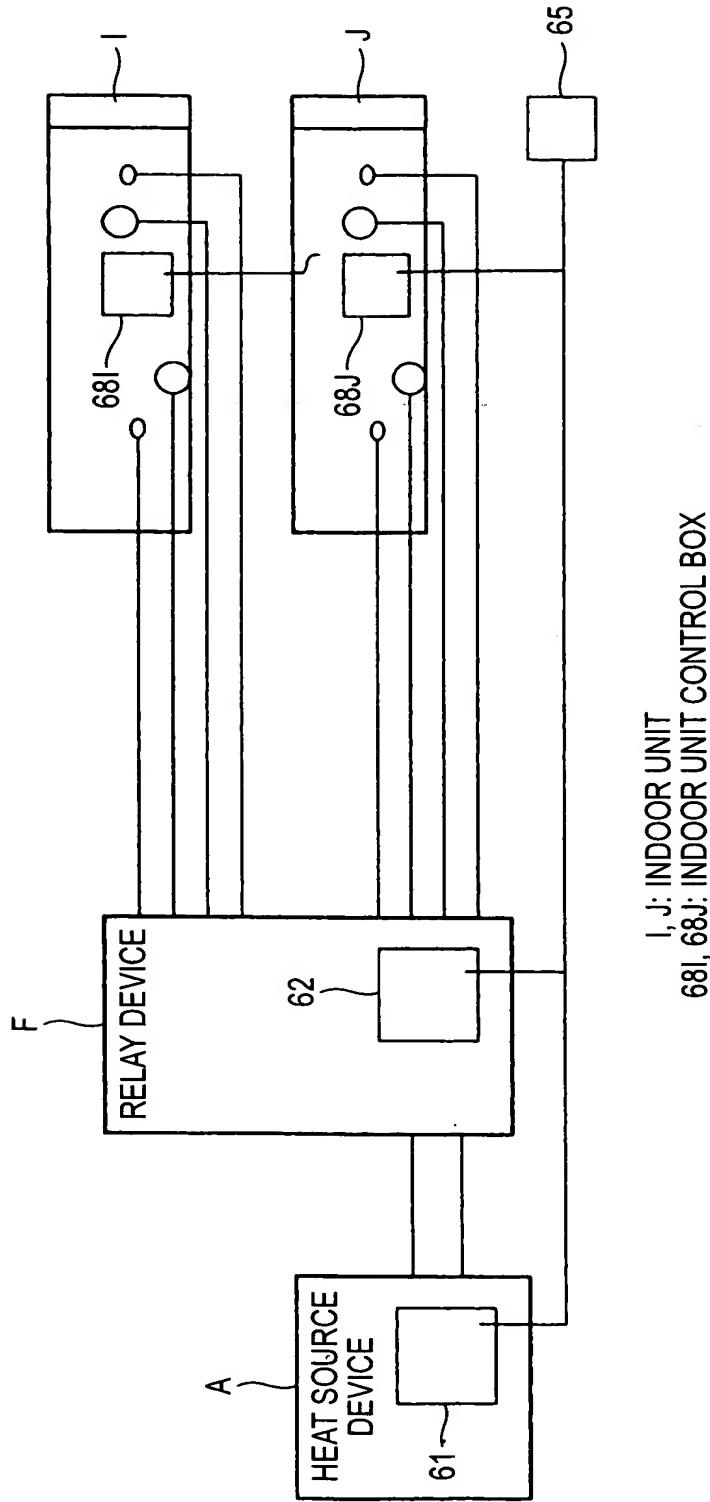


FIG. 15

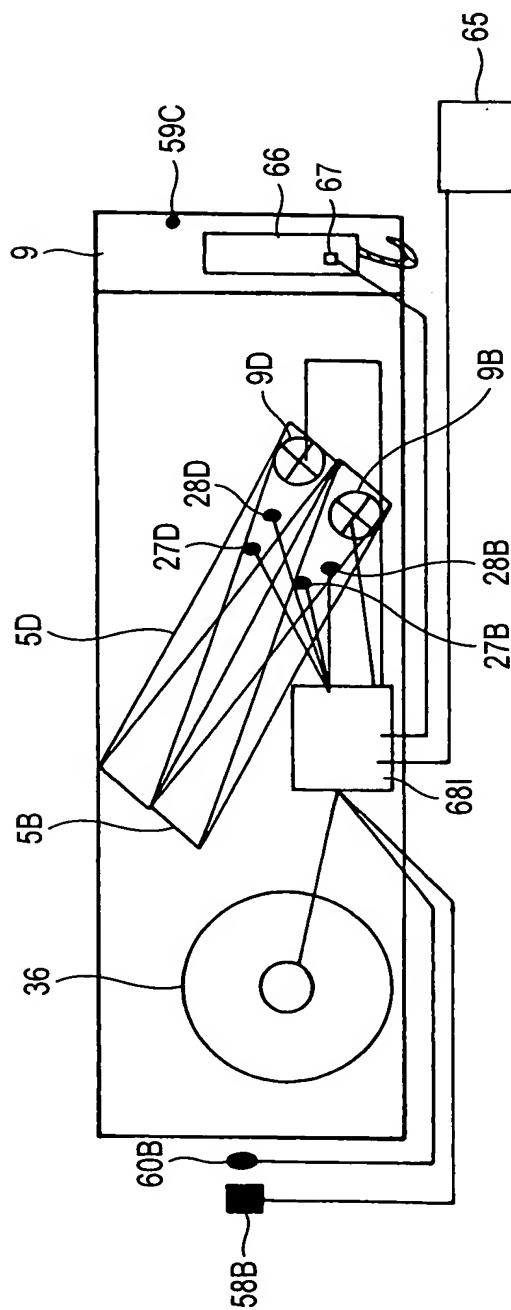
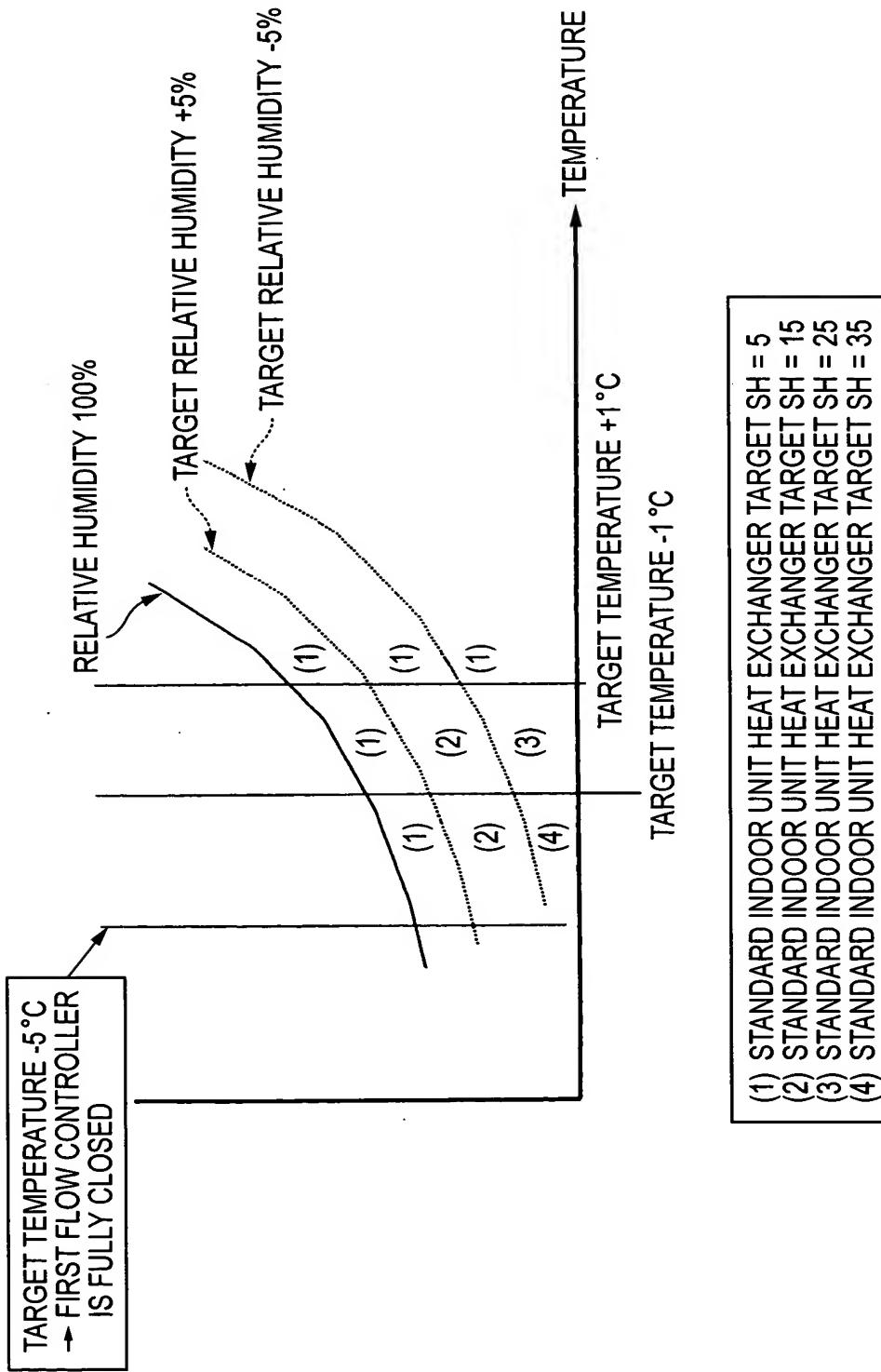


FIG. 16A

CONTROL OF STANDARD INDOOR UNIT



- (1) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 5
- (2) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 15
- (3) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 25
- (4) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 35

FIG. 16B

CONTROL OF REHEATER

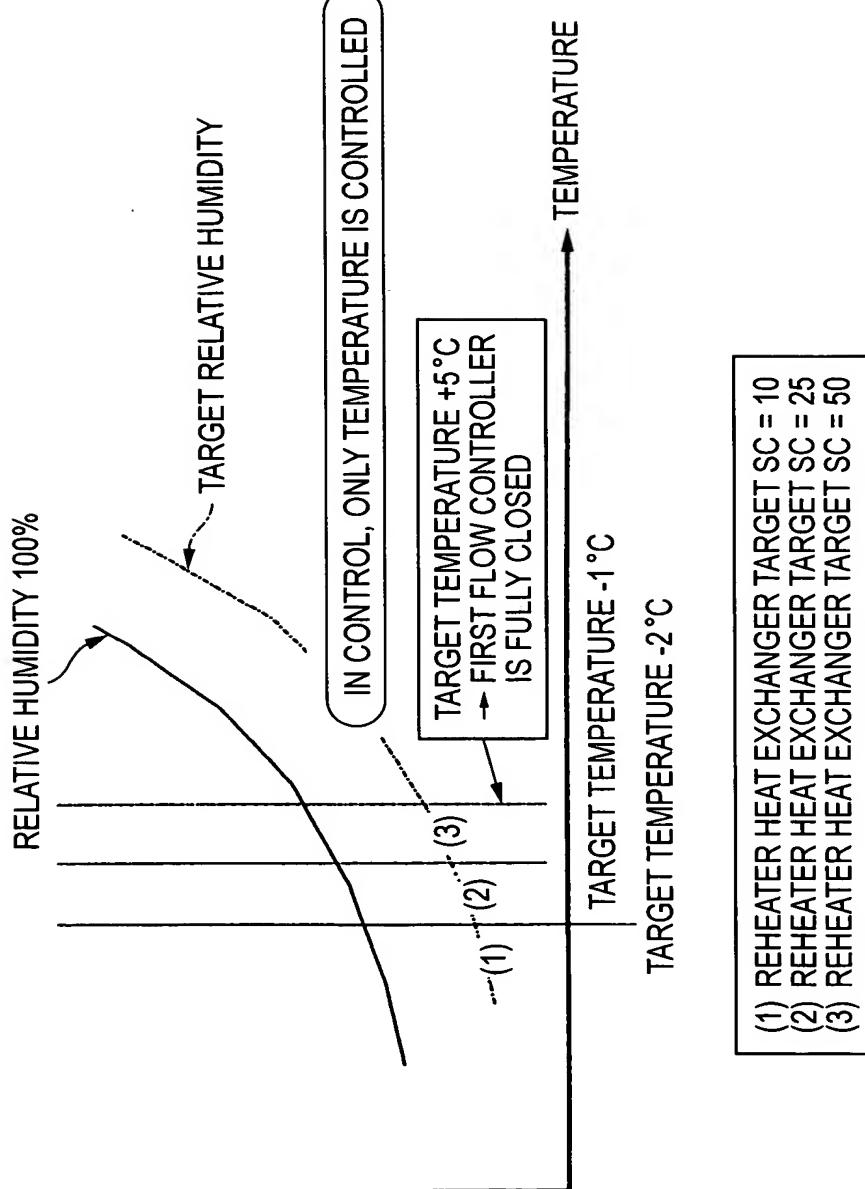
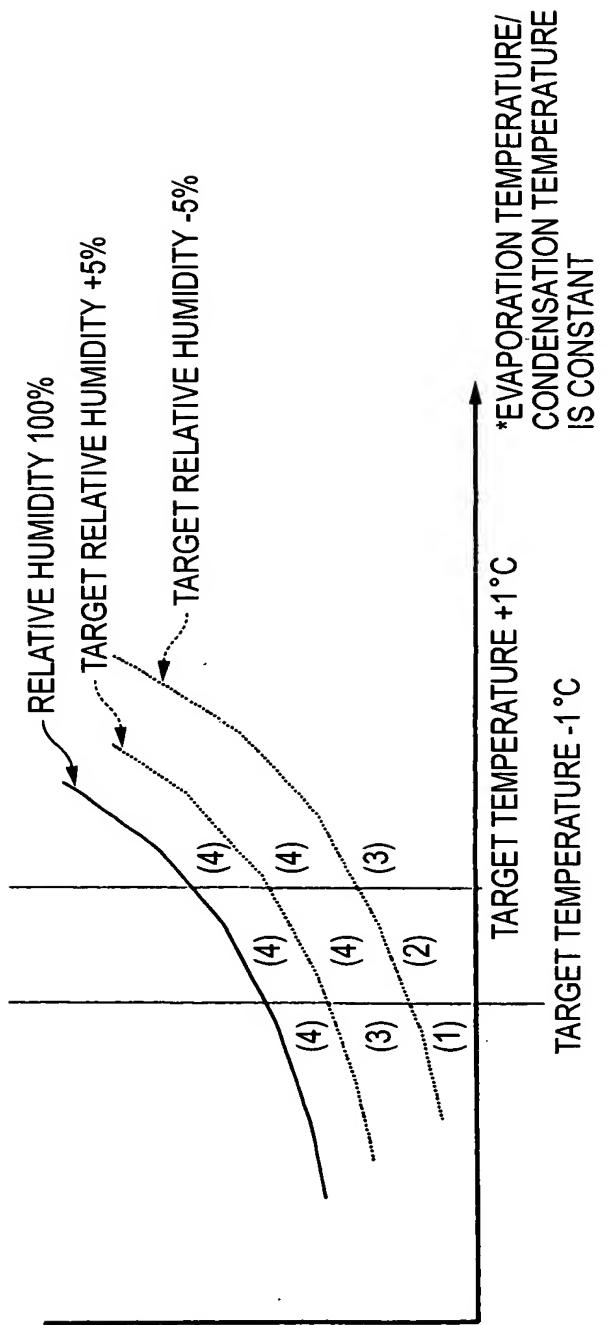


FIG. 16C  
CONTROL OF HUMIDIFIER



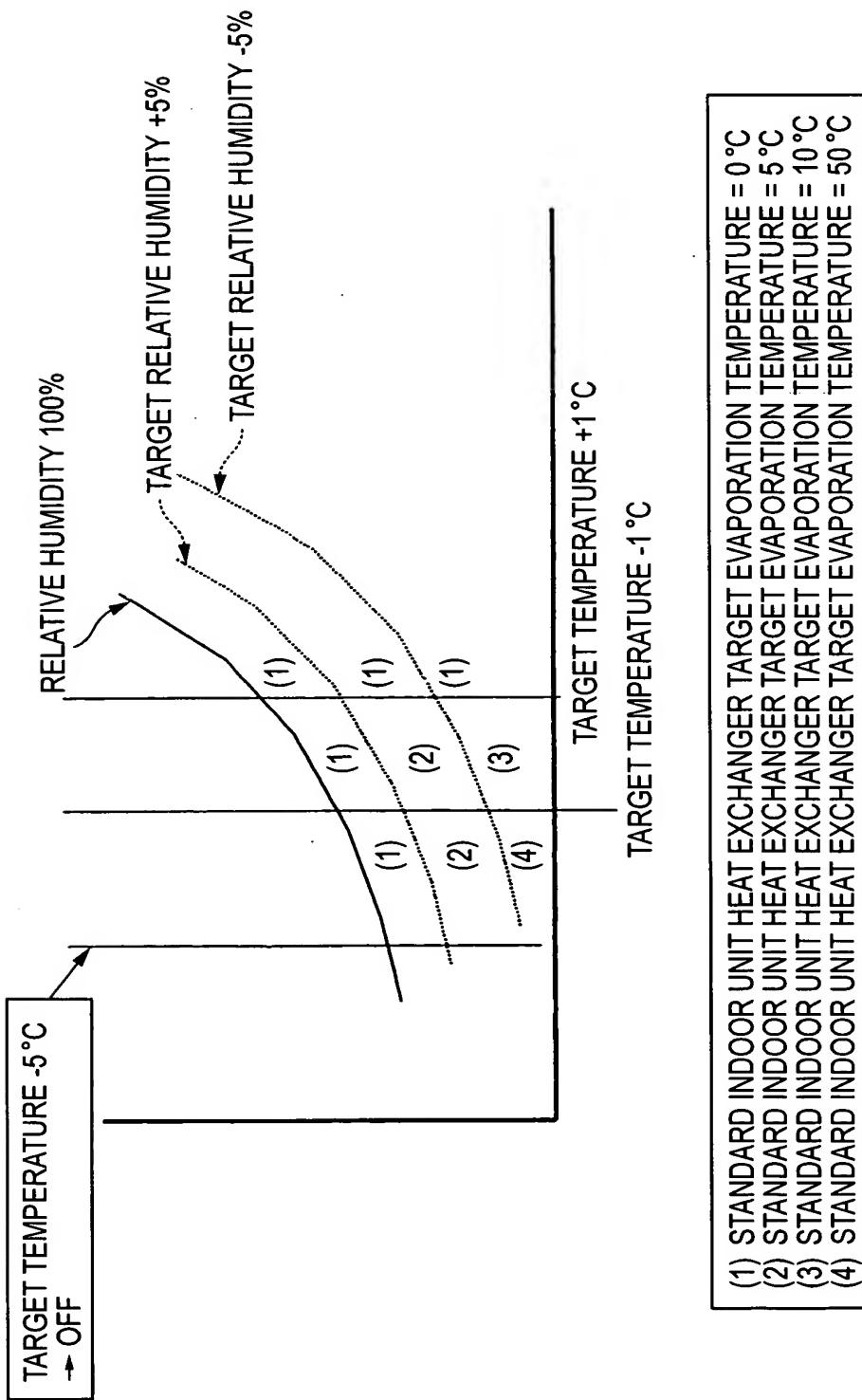
(1) AMOUNT OF HUMIDIFICATION = 100%  
(2) AMOUNT OF HUMIDIFICATION = 50%  
(3) AMOUNT OF HUMIDIFICATION = 25%  
(4) AMOUNT OF HUMIDIFICATION = 0%

20/30

10/533535

FIG. 17A

CONTROL OF STANDARD INDOOR UNIT



10/533535

21/30

FIG. 17B

CONTROL OF REHEATER

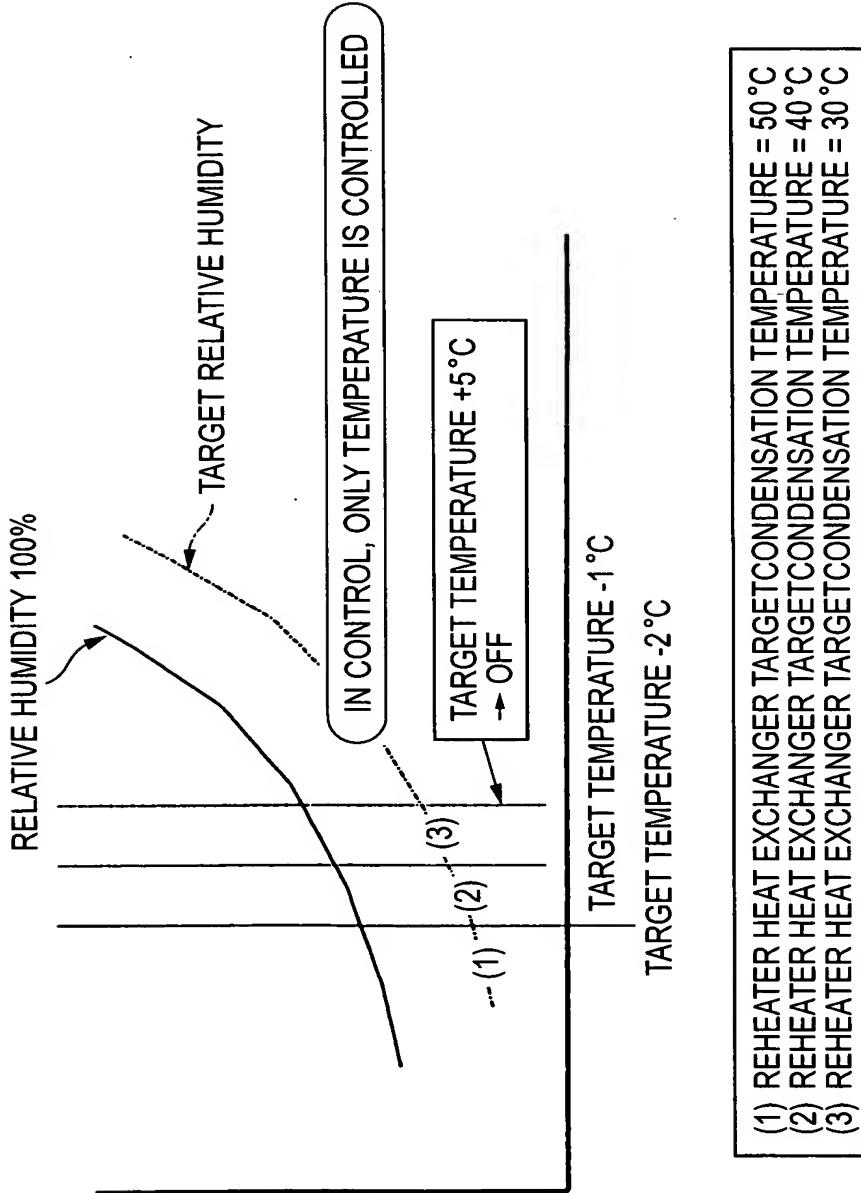
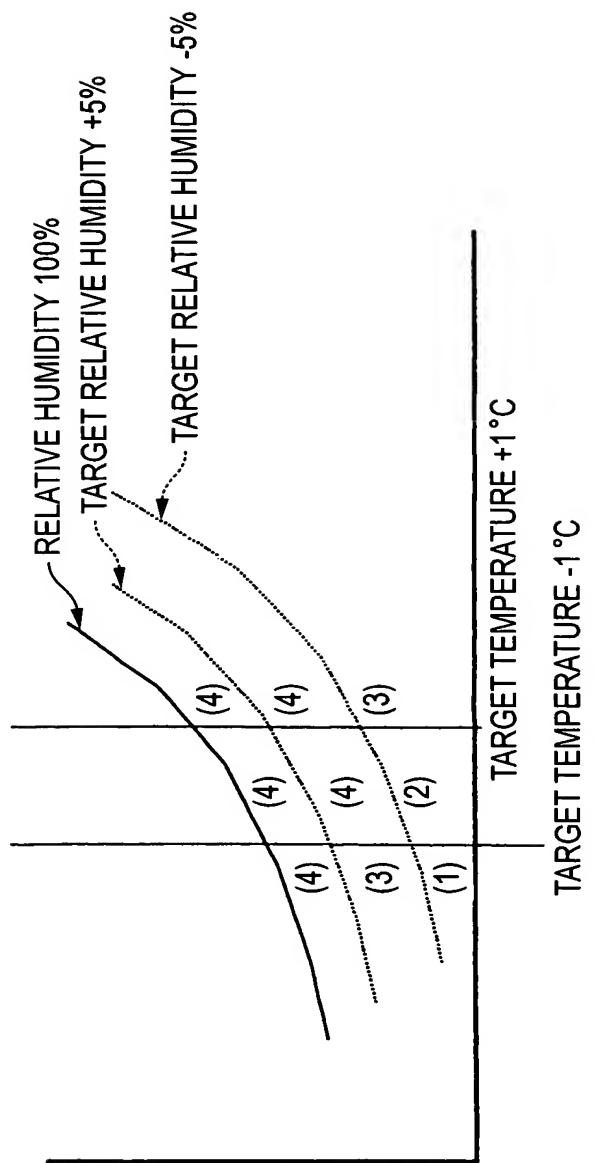


FIG. 17C

CONTROL OF HUMIDIFIER

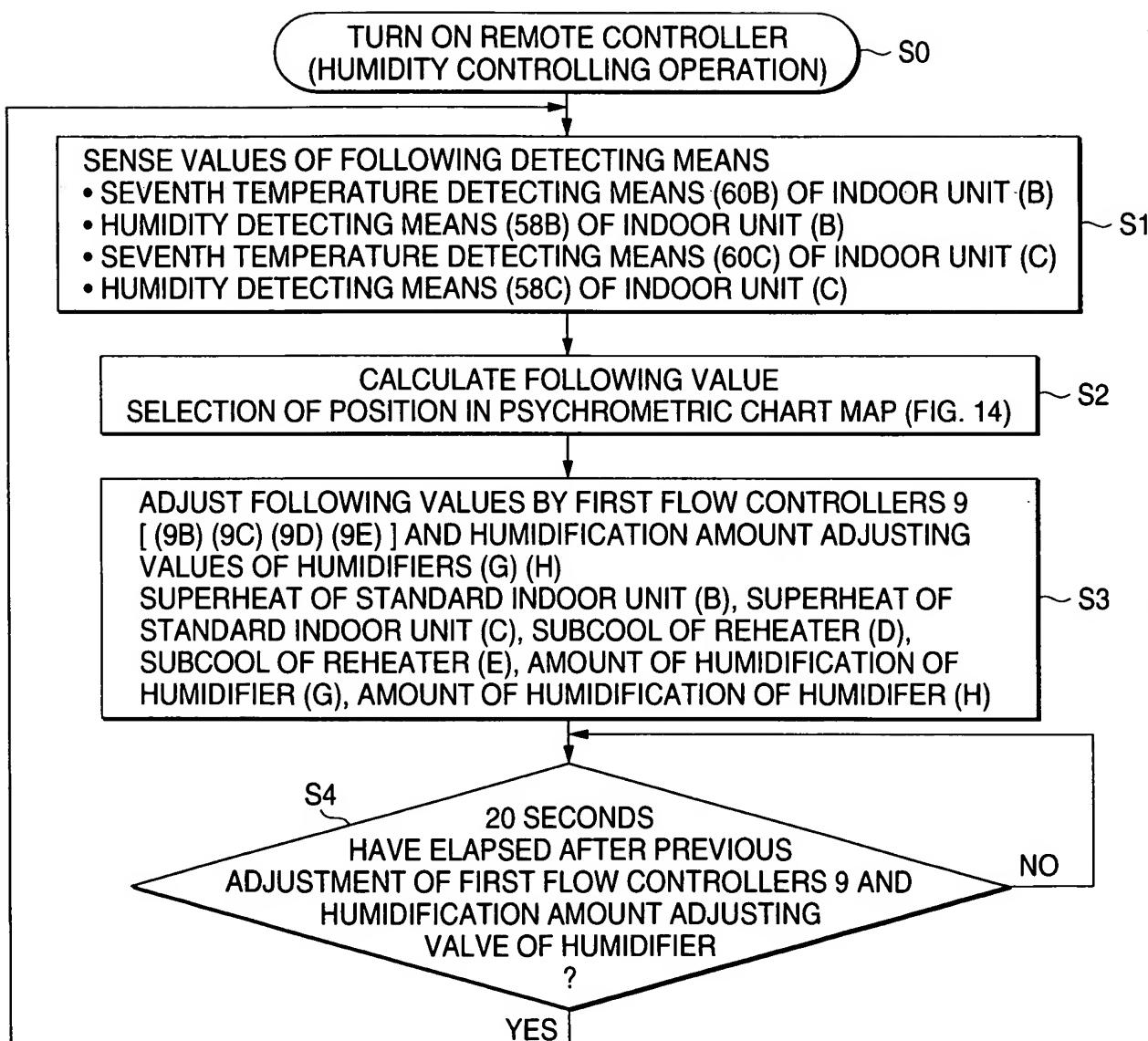


(1) AMOUNT OF HUMIDIFICATION = 100%
(2) AMOUNT OF HUMIDIFICATION = 50%
(3) AMOUNT OF HUMIDIFICATION = 25%
(4) AMOUNT OF HUMIDIFICATION = 0%

23/30

10/533535

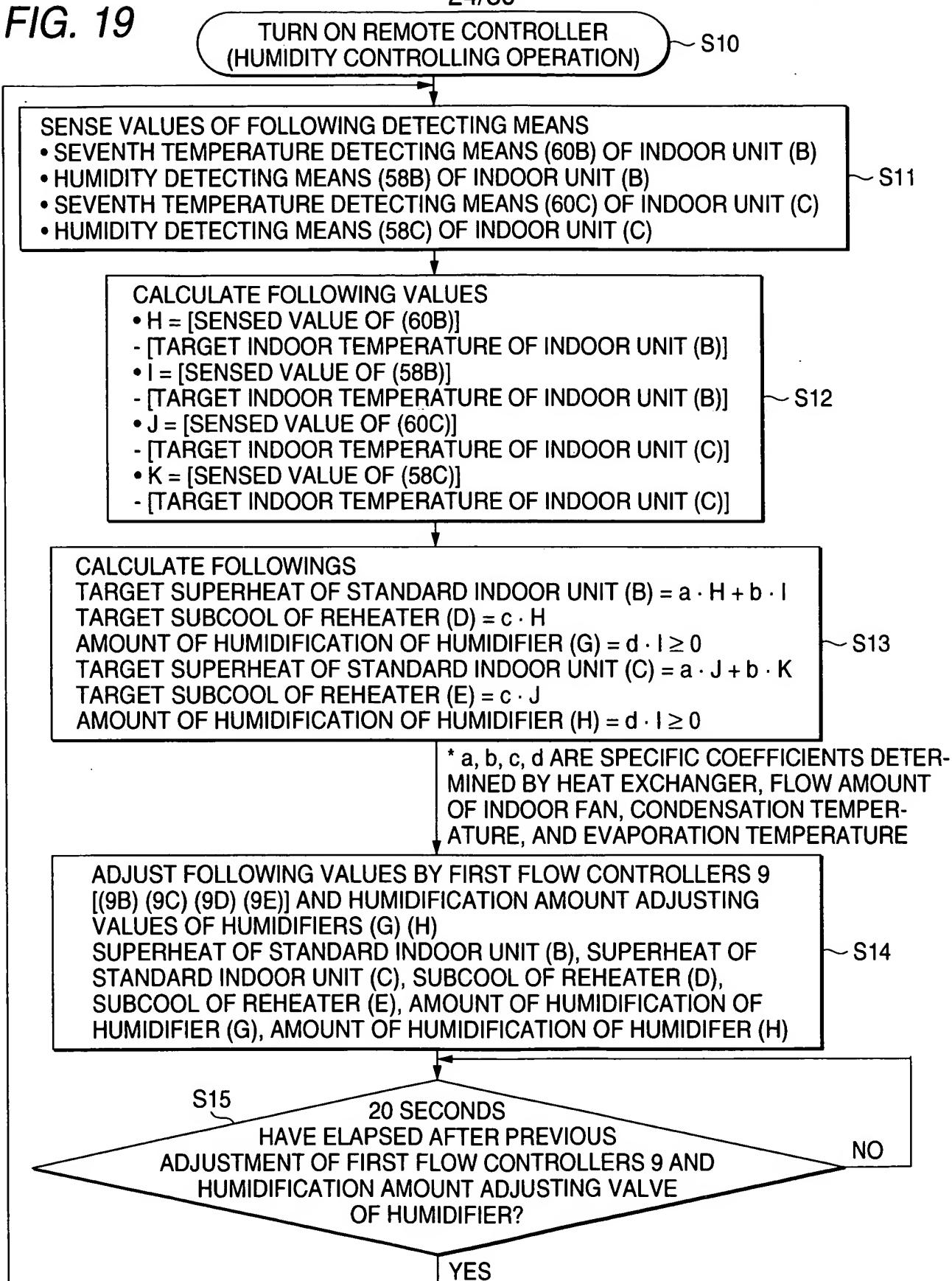
FIG. 18



10/533535

24/30

FIG. 19

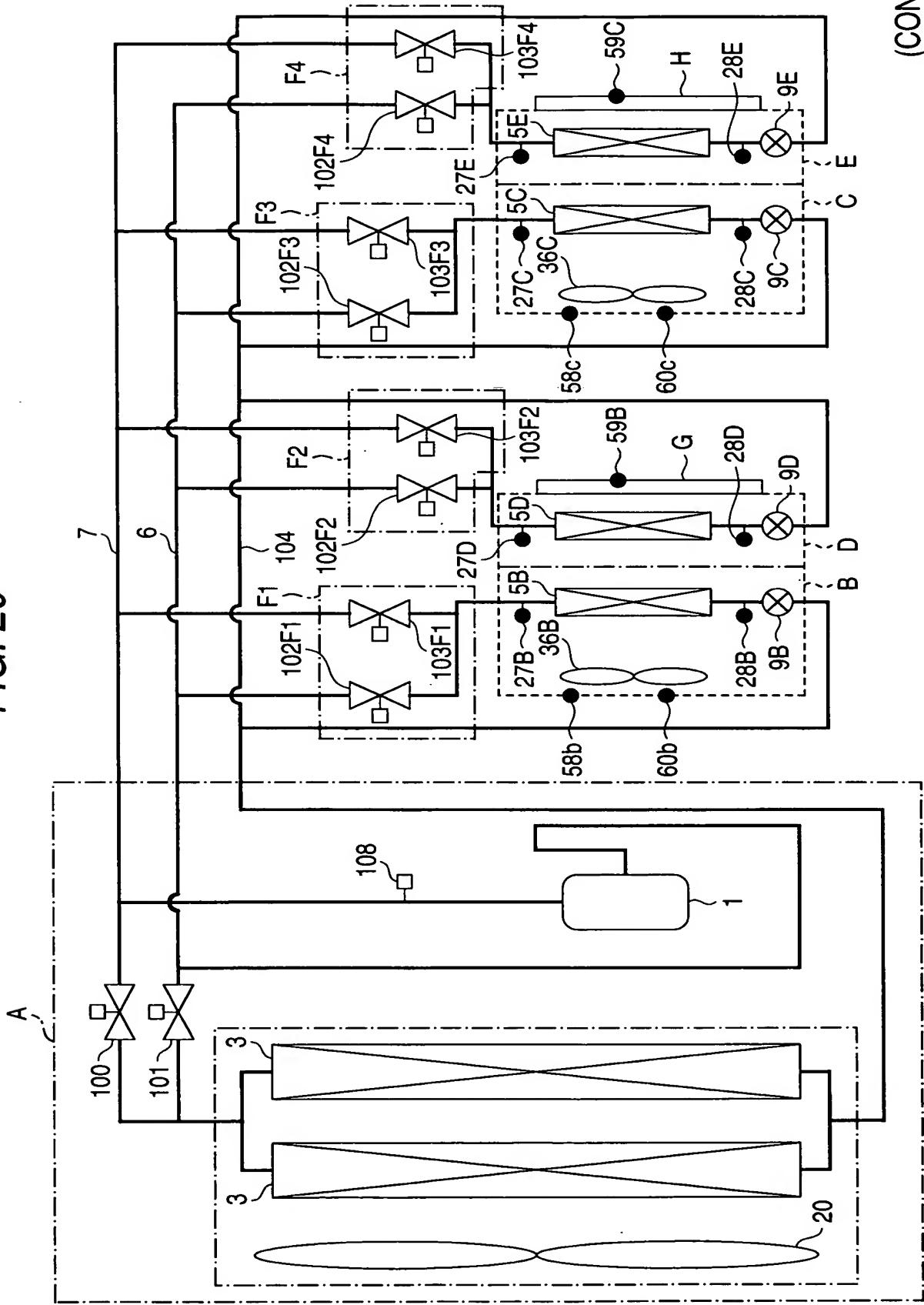


10/533535

25/30

(CONT.)

FIG. 20



10/533535

26/30

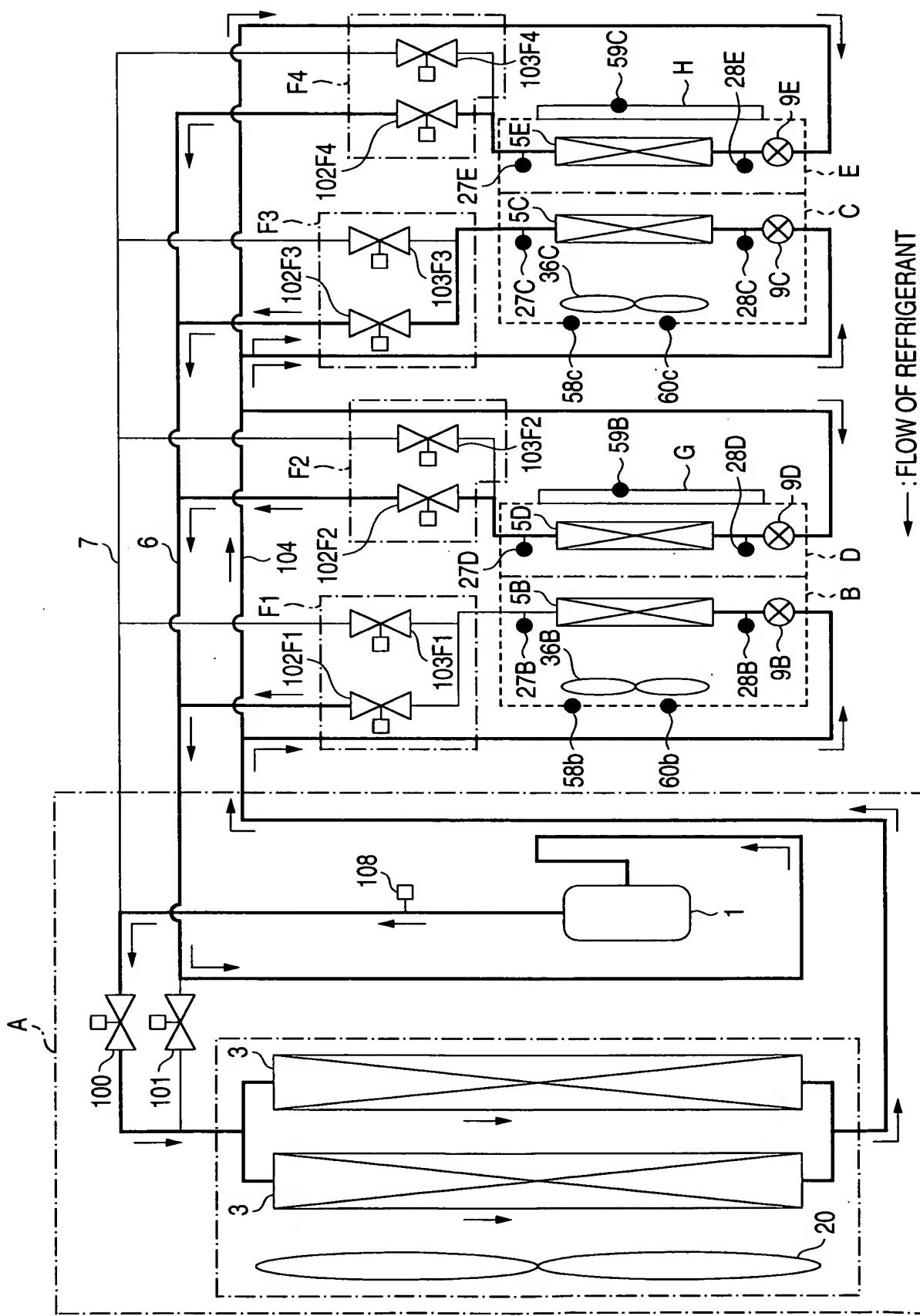
(FIG. 20 CONTINUED)

- A: HEAT SOURCE DEVICE
- B, C: STANDARD INDOOR UNIT
- D, E: REHEATER
- F1-F4: RELAY DEVICE
- G, H: HUMIDIFIER
- 1: COMPRESSOR
- 3: HEAT SOURCE DEVICE HEAT EXCHANGER
- 5B, 5C: INDOOR HEAT EXCHANGER
- 5D, 5E: REHEATER HEAT EXCHANGER
- 6: FIRST CONNECTING PIPE
- 7: SECOND CONNECTING PIPE
- 9B-9E: FIRST FLOW CONTROLLER
- 20: HEAT SOURCE DEVICE BLOWER
- 27B-27E: FOURTH TEMPERATURE DETECTING MEANS
- 28B-28E: FIFTH TEMPERATURE DETECTING MEANS
- 36B, 36C: INDOOR UNIT FAN
- 58B, 58C: TEMPERATURE DETECTING MEANS
- 59B, 59C: THIRD DETECTING MEANS
- 60B, 60C: FOURTH TEMPERATURE DETECTING MEANS
- 100: FIRST REVERSING VALVE
- 101: SECOND REVERSING VALVE
- 102F1-102F4: THIRD REVERSING VALVE
- 103F1-103F4: FOURTH REVERSING VALVE
- 104: THIRD PIPE
- 108: PRESSURE SENSING MEANS

10/533535

27/30

FIG. 21



10/533535

28/30

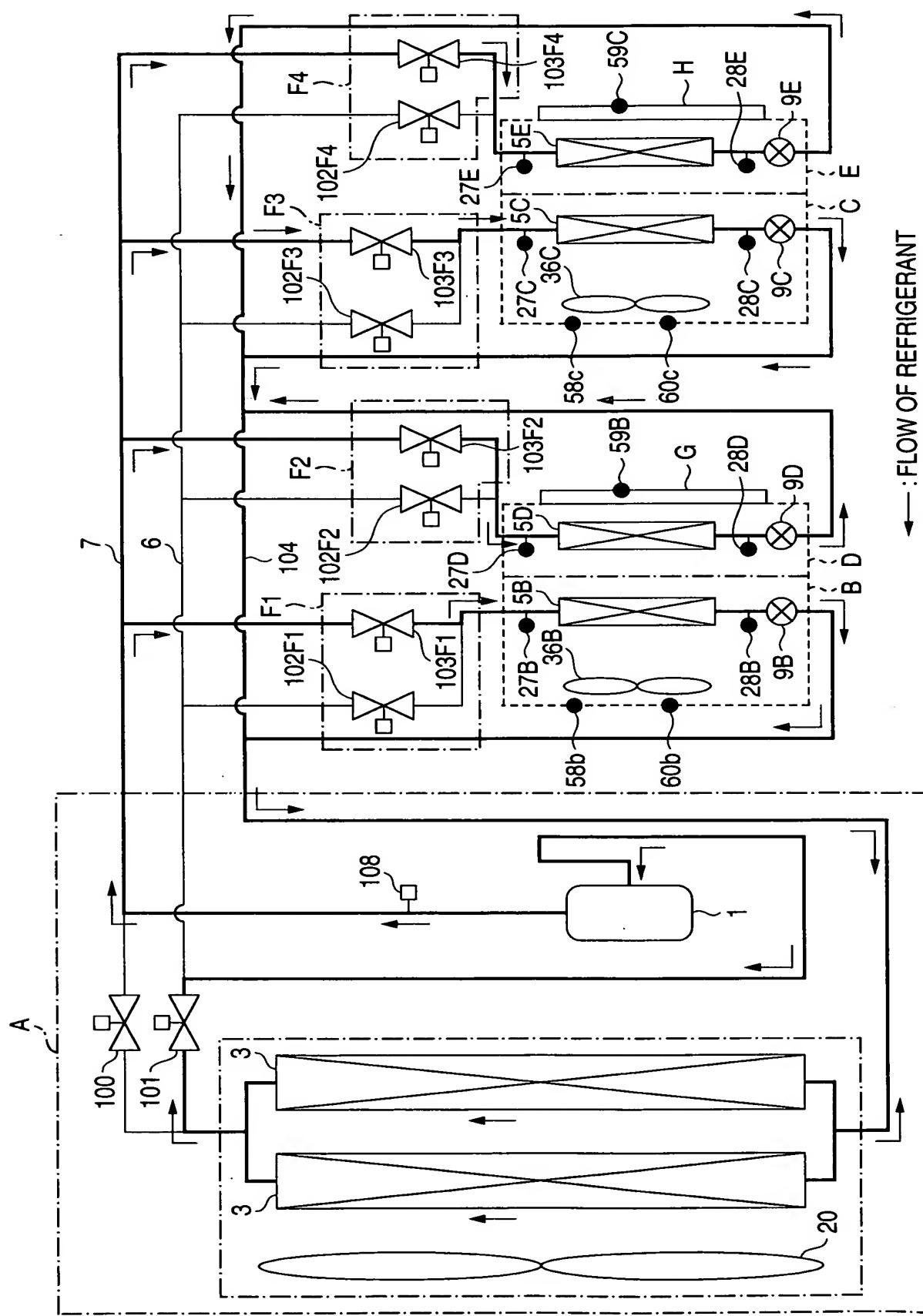
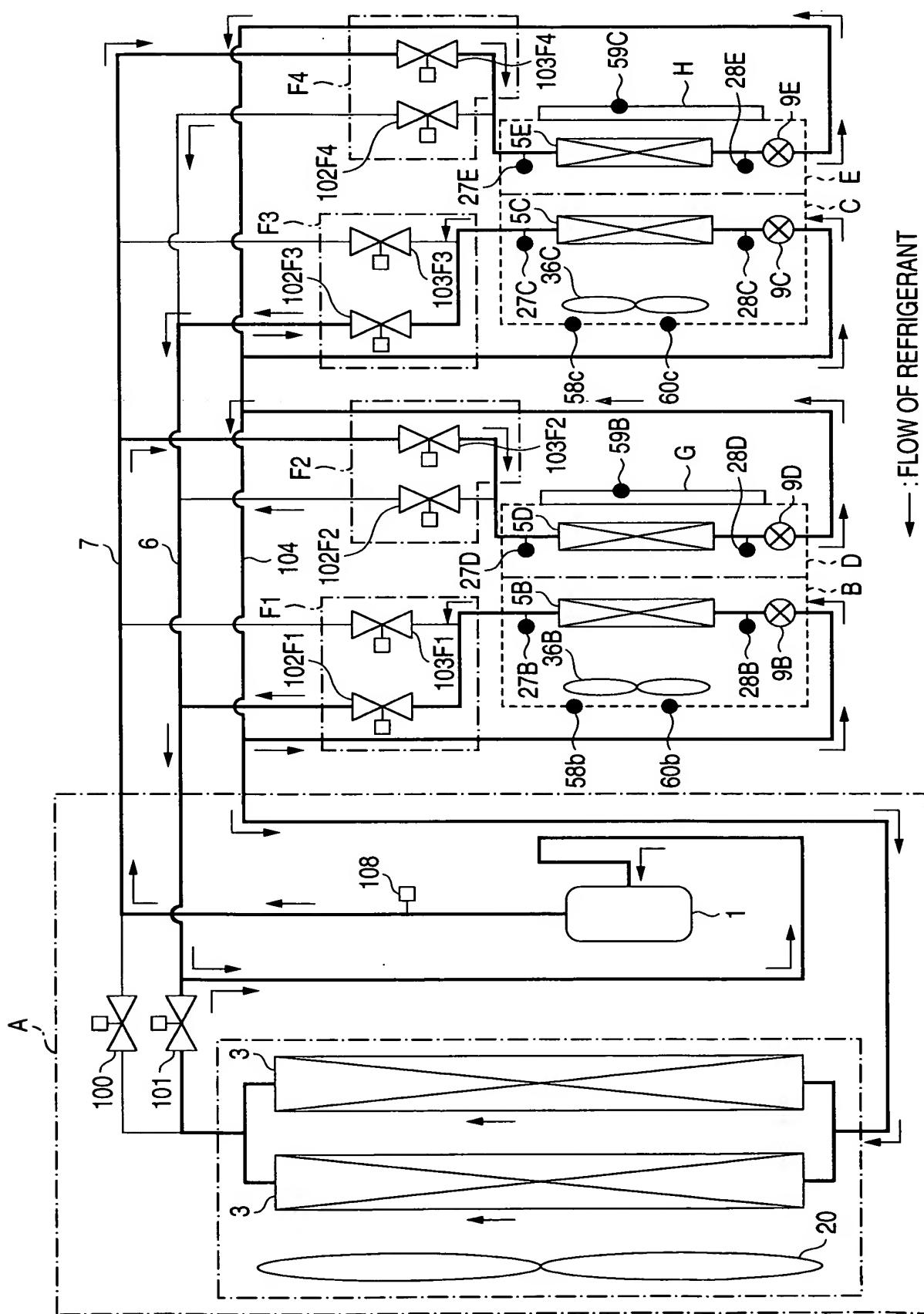


FIG. 22

29/30

10/533535

FIG. 23



10/533535

30/30

